

M.O.M. NEWSLETTER - SEPTEMBER 1986
VOL.6 ISSUE 5

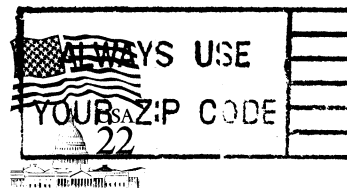
MEETING SCHEDULE:

September 8 (note change)
September 15
October 6
October 20
November 3

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M * O * M
MICROS OF MONMOUTH
P.O.Box 221
Englishtown, NJ 07726



FIRST CLASS MAIL

M * O * M
Micros Of Monmouth

The Newsletter of the
Computer Club of Monmouth, Inc.

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The Computer Club of Monmouth, Inc. is a non-profit organization of ATARI computer enthusiasts and users who share a common interest in exchanging information about the programming and operation of the ATARI microcomputer system.

The club meets at the Manalapan High School at 8:00 PM on the first and third Mondays of each month. The meeting dates are changed or cancelled when a holiday or foul weather causes the school to be closed.

Neither M.O.M. newsletter or The Computer Club of Monmouth, Inc. is affiliated with ATARI Corp., ATARI, Inc., Warner Communication or any of their subsidiary companies. All use of the word "ATARI" or the Fuji logo is recognized as a trademark of ATARI Corp.

The M.O.M. newsletter solicits from its members reviews, news, rumors, articles, original programs, classified ads, and any other material of interest for publication. All material submitted for publication should be given to the editor at the meetings or mailed to the club address.

The material printed in the M.O.M. newsletter may be freely copied. We request that credit be given to its authors and to M.O.M. This newsletter is sent to paid-up members of the club and to other user groups on an exchange basis. User groups interested in exchanging newsletters should write to the club address.

The club supports its own Bulletin Board System that is on line 24 hours a day with a special section for M.O.M. members. The BBS is open to all types of computers after a name/address verification.

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WHO'S WHO AT M * O * M

ELECTED OFFICERS:

President	- Mike Carovillano 201-972-0560
Vice-Pres	- Irwin Kaplin 201-566-3335
Secretary	- Betty Kuberski 201-634-8714
Prog. Chair	- George Sullivan 201-446-4057
Disk Librarian	- Eric Plent 201-938-2473
ST Librarian	- Joel Fisher 609-448-5189
Doc Librarian	- Norman Wersan 201-264-4894
Editor	- James Krutzler 201-738-7813

SUBCOMMITIES:

Frank Fezza	- Acting Liaison to the Board of Education 201-446-4027
Jimmy Krutzler	- BBS Sysop 201-738-7813
M.O.M.'s BBS	201-738-4982



EDITORIAL



Welcome to the new MOM officers and many thanks to all of those who volunteered to run for an office. How fortunate it is to have so many willing to take part in the club.

Many of you have wanted the newsletter to be in a larger format, so here it is. Let me know what your likes and dislikes are about the newsletter. I'll need your support with the newsletter like at least two articles from each member during the next twelve months. This will ensure that we can publish it at least once each month. So give it some thought and come up with information or a short one line program. Let's have some fun with this thing.

How about all those flyers that we receive at the club mailbox that you never get to read? Well, you'll be seeing those correspondence reproduced here in the newsletter. It be in the MOM Mail Box.

Over the last few years of computing I have collected a large volume of magazines and software that I just don't have a need for anymore. If you have done the same, I think you will find a way to clean house from our president in his column that follows. Good, bad, or indifferent it's your club and newsletter and you will only get out of it what you put into it.

Jim Krutzler
Editor
Micros Of Monmouth

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A VIEW FROM THE TOP

As the new president of MOM, I would like to thank the outgoing officers for an outstanding year of service. A special thanks to Ken Kelly who served as president and who weathered some stormy seas but never lost the wind in his sails.

The past year has seen some changes at MOM that I think has made

our club a better place to be. We have two magazine subscriptions, ANALOG and ANTIC, that the membership can borrow from the documentation library. Two new books were added for the 520/1040 ST computers along with a growing ST public domain disk library. The 8 bit public domain disk library has been expanded to 73 disks.

At the July 21 meeting a new slate of officers was elected. Under Who's Who on page 1 you will find a list of the officers and a phone number where they may be reached. The first meeting of the officers was held on July 28, 1986 and a number of topics were discussed. A new format for the newsletter was approved which will be in the full page setting so that articles can be submitted in a printed form of your choosing. We are also planning to list the names and addresses of local vendors that carry the Atari line of hardware and software. We will need your help in putting this list together. A new meeting format was adopted. We will be starting at 8 PM sharp with a 15 minute business portion and then the floor will be opened for questions and comments followed by the scheduled demos and tutorials. This should bring the meeting upto 9:30 and at that time we can adjourn and allow for disk and doc exchanges as well as any get-togethers of special interest groups.

We need your input on what direction the club should take. Let's hear of your ideas. How about holding a flea-market at one of the meetings in late fall?

I'm looking forward to an enriching year as president and with your help I'm sure that we can make MOM "THE" Atari computer club.

Mike Carovillano
President
Micros Of Monmouth

Graphics?

Not for me I'm not artistic.

The Atari computers, both 8 bit and 16 bit, are great tools for creating graphics. Computerized paintings, graphs, and icons are easily done if, one, you are artistic or, two, you know some of the tricks.

If you want to draw animals, try using the circles or disks provided by the art programs, (the one big drawback to Neochrome). Combine a series of circles or ellipses to get the rough outlines, then using "draw" blend the circles together. "Undo" quickly corrects errors.

Artists don't look at the objects they are trying to capture on their canvas, so don't expect any wonders by merely sitting down and staring at the monitor. What I have been doing is searching through old National Geographics and Time/Life Nature books dealing with animals, insects, fish, etc. A visit to a public library's art section can be a valuable resource. I particularly enjoy the impressionists like Van Gogh.

Still not satisfied? 3M (and others) put out a "Write-On-Film" for use on the overhead projector. A stationary store can provide you with a pen like Sharpie which will write on this film (a good stationary store would also be able to supply you with the film). Lay the film over the shape, chart or picture you wish to copy and rough in the basic outlines. If you have a copier you can enlarge or reduce the shapes and then using a transparency marker make a "transparency" of the scene.

Tape this transparency over your monitor or a smaller version onto your Koala Pad. Using "K-Line" or "Line" trace the outlines. Use "Fill" to fill them in with color or textures.

In school, not having a graph program for our ST, I used Degas and made a transparency of a 360 protractor to enable the students to

make "PIE" charts in math class.

Our fashion design students practice designing clothing on paper containing an outline of the human body. They are very excited with the idea of using a "saved" copy of this figure and using the pallet to select all available colors, textures and brushes available in Degas or Neochrome. Have fun!

Norm Wersan MOM

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How To Get The Most Out Of CompuServe A Review

Picture this: You just got your modem, and you are in a hurry to try it out. You have heard of this service called CompuServe from your friends and can't wait to try it. Quickly, you boot the modems software and call the number. Connected!.....but, what's this?..nothing is happening!..what is this?..pressing <RETURN> does nothing, so you just wait..nothing. You log off without doing anything.

This is where How To Get The Most Of CompuServe comes in. By reading this book you can get all the information you need to start using CompuServe right away. In the above situation, the book would have told you to hit <CONTROL C> to get going and you would have been using CompuServe right then and there.

I hear a lot of people say that they would like to try CompuServe, but have heard stories of getting lost in all the menus and having to remember all the commands to get it to do anything. I too was one of those people until I saw this book. From the minute I opened it, I knew that I had to have it.

The thing about this book is that it is not just a MANUAL to CompuServe, but a COURSE on how to use CompuServe. In it you will find little guided tours of the system. From logon to logoff, you will know where you are and how to stop. Talk about a saving on the phone bills.

Really though, the author, Charles Bowen and David Peyton, have done a great job in getting all this information into one book and it is worth the \$16.95 price tag.

So if you have always wanted to try CompuServe, but never were crazy about the idea of getting lost in all the menus, you should get this book. It is the best "road map" for CompuServe I have seen.

How To Get The Most Out Of
CompuServe
Bantam Books, Inc.
666 Fifth Ave., NY, NY 10103
\$16.95

Eric Plent MOM

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Printing Problems ?

NORM'S LOST AND FOUND COLUMN

PRINTMASTER, a Print Shop type program for the ST was a recent source of aggravation. Although I set it for my printer, (I had to use the FX-80 setting for the LX-80 printer), it refused to advance a line while printing.

According to the SETUP PRINTER on the disk, I was doing everything correctly. It wasn't until I re-read the documentation that I noticed an explanation as to procedure in case it did not advance.

Advice: If you get lost... check the doc.

At the time the above problem was occurring I switched over to my Print Shop program on the 8 bit computer. It printed a sign for me but, when I tried to repeat it, the printer didn't respond. Attempts at reprogramming did not help. In this case the documentation didn't help and neither did the Epson manual. Because the printer was failing to respond to the program above and was now giving me trouble with a different program and computer, I thought the printer was broken.

FOUND: Just by chance I took out

the ribbon cartridge and when I tried to turn the knob it failed to respond, pliers didn't help. I forced it open and found a part of the ribbon wound around the gear inside, jammed.

Advice: In this case I had purchased an unknown brand ribbon instead of an Epson. I will only buy Epson ribbons in the future. The amount I saved on a ribbon is small compared to the lost of a whole ribbon.

LOST BUT NOT FOUND: Using the 1st Word program that comes with the ST, when I get it to properly print bold, sub & and superscripts, etc., it does not feed the pages properly when printing. It feeds the existing page out of the printer and then prints the second page. A disaster if you are using single sheets and a waste on continuous paper. A bug?

LOST BUT NOT FOUND: When running Paper Clip on my 8 bit machine, although the program comes with a configuration for the LX-80, it doesn't print the bold, sub-scripts, etc. Some experimentation led me to discovery that the FX-80 configuration worked... but not on the first sheet. I had to print the page twice. A bug? I have to get after Batteries Included.

Norm Wersan MOM

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CHECK YOUR MAILING LABEL

FOR YOUR DUES RENEWAL DATE

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PEEKs and POKES for the Atari

Location	Old Value	Poke with	Comment
752	0	non-zero	Poke with nonzero number Invisible Cursor
755	2	other	Poke with other values to make the cursor opaque or text upside-down
65	non-zero	zero	Inhibits the I/O noise through the TV speaker
195			Stores the last error number that occurred
1802	PEEK 1802	??????	Peek for the number of drives DOS 2.0 is set up for. DRIVES-----VALUE 1 1 2 3 3 7 4 15 Poke the value next to the number of drives you have to free 128 bytes each.
93			Retains the value of the character under the cursor
559	PEEK 559	zero	Turns ANTIC off for 30% faster processing. Must save old value from PEEK to turn back on.
580	zero	1	If zero, RESET will warm- start. If 1, RESET will coldstart.

Hope you can use them!

Eric Flent
Of M.O.M.

M.O.M.'s MAIL BAG

From the Doc Library

Interested in a RAMASTER 256K upgrade for the 800XL? See the review in the MID MICHIGAN ATARI MAGAZINE and also find a training manual for DOS 2.0/2.5. In the same July issue some QUICK HINTS for the ST user.

How about a Commodore MOUSE that works with the Atari? Same issue. Or, a program that shows you how to get CORRECT SOUND VOICES from your 8 bit machine. Lastly, there is a LIGHTENING PROTECTION DEVICE and a graphics type-in program called VORTEX.

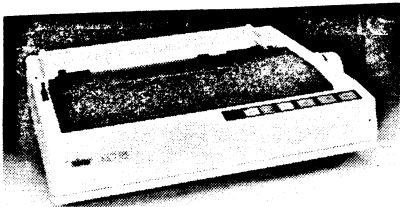
In the July issue of KEEPING PACE, PITTSBURGH ATARI COMPUTER MAGAZINE there are many articles on 8 bit and 16 bit software including a review on DAPER PASCAL. ATTN: BETTY K. *** An article on how to fix XE KEYBOARDS by soldering in resistors. ***

In the June JACG, for those interested in MATHEMATICS see the article on COMPUTER BEAUTY. A discussion on divine proportion etc. and KAPREKAR'S PROBLEM.

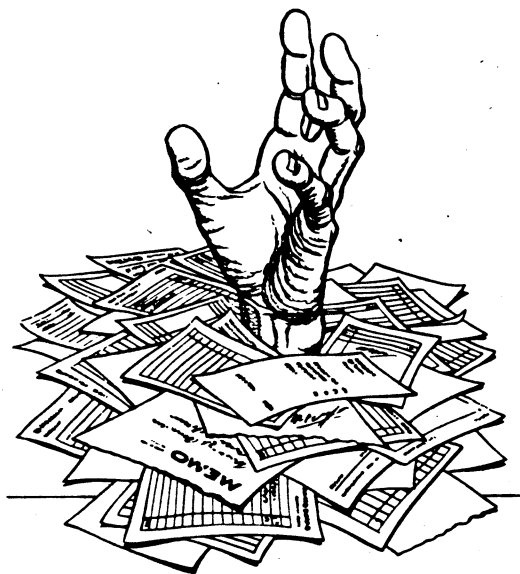
Norm Wersan MOM

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STAR Micronics Desktop Printer



Model NL-10 is a new desktop printer from Star Micronics. The unit prints high-speed draft quality at 120 cps and near-letter-quality at 30 cps. It features plug-in interface cartridges that ensure compatibility with most personal computers. Interface cartridges are available for standard parallel computers. Other features include 11 format and



print functions, including 3 pitch selections, type style, print mode, margin settings and forward reverse micro paper feed.

Star Micronics, Inc.
200 park Ave., Suite 3510
New York, NY 10166

3M Offers Diskette File



DataSaver diskette file is a hard plastic storage box for as many as ten 5 1/4" diskettes. It attaches to the side of a CRT monitor or other vertical surface to protect floppies and reduce clutter on work surfaces. It is also designed to seerve as a diskette filing and management system that can also be used to safety transport and store diskettes.

3M
P.O.Box 33600
St.Paul, MN 55133

Jeff Schnell is a MOM member that faithfully comes to each of the meetings and brings with him an excellent selection of Atari goodies. He provides us with a service that's fast and prompt. Ask for his catalog on software and hardware. Below is a short list of some of the items available to the membership.

One-half off List

OSS	Basic XE
OSS	DOS XL
ArtWorks	Strip Poker
Spinnaker	Story Machine
BCI	Printers Devil
Atari	Speed Reader
VisiCorp	VisiCalc
Elect Arts	Hard Hat Mack
Elect Arts	Word Flyer
Elect Arts	Worms
Elect Arts	D-Bug
AmerEduc Comp	Spelling Grade Series
Cardco	AT Printer Interface

Various Atari programs and books up to 25 % off list

Lots of hardware discounted also.

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Let's get an Atari shoppers guide in this spot so that we will know where, when, and how to get and do it.

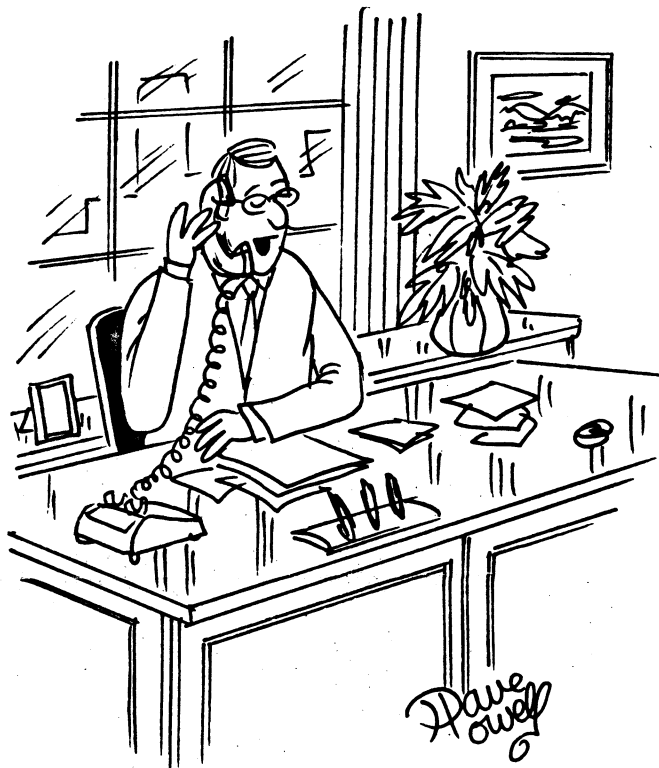
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BK REPAIR SERVICE 201-634-8714
Expert Atari Repair
Betty Kuberski

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J & H COMPUTERS 609-693-5388
Computers & Supplies
Jeff Schnell

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"Yes, I did receive your computer billing—I gave it to my computer to pay..."

June 1982 © Creative Computing

M.O.M.'S BBS
201 738-4982
24 HOURS A DAY
7 DAYS A WEEK

SHUTTLE MANIFEST

The Shuttle Manifest allows you to review the first twenty-five shuttle flights and to see what NASA had planned for the future before the 51-L accident. From January 1986 through August 1988 NASA had scheduled 44 shuttle missions carrying a total of 85 different payloads. There were over 100 additional payloads to fly on the shuttle during the period of 1988 through 1990.

See when these different payloads were assigned to fly. Call up brief descriptions on the various payloads and crews assignments.

The Shuttle Manifest can be used to view what has been done using the shuttle and as a tool to watch NASA work to refly the shuttle. In time, see where the payloads are reassigned and which payloads scheduled for the shuttle will be launched on expendable rockets.

Also included is NASA's tentative new shuttle schedule from July to December 1987.

EXAMPLE:

MISSION: 31-B Flight No.: STS-6
Date: 04/04/83 Orbiter: CHALLENGER
Inclination: 28.5 Altitude: 150
Crew Size: 4 Duration: 5

Payload #1: TDRS-A IUS/2

Experiments:

CFES
MLR
NOSL
GAS(3)

TDRS Tracking and Data
Relay Satellite

FUTURE ENDEAVORS

The Shuttle Manifest, Manned Space History and Astronaut Information are the first steps for Space Information Services. Planned for the very near future:

- * In-depth Shuttle Payload Descriptions (August 1986)
- * Shuttle Mission Profile
- * Non-NASA Space Programs
- * Unmanned Space History
- * Detailed Astronaut Biographies (August 1986)

At present, computer disks available for Atari and Commodore computers. Future plans are to include Radio Shack, Apple and IBM computers.

MANNED SPACE HISTORY

The Manned Space History program is a concise manned space history from April 1961 through June 1986. It includes both the United States and Soviet Union programs.

The program allows you to review all the flights, scan a particular period or find an individual flight.

EXAMPLES:

MISSION: Vostok 1 (Cedar)
Date: April 12, 1961

Pilot: Yuri Gagarin

Flight Time: 1 Hr., 48 Min.
Earth Orbits: 1

Objectives: Placement of manned spacecraft into orbit; safe recovery of cosmonaut and craft. (achieved)

MISSION: 61-C (STS-32)
Date: January 12, 1986

CDR: Robert "Hoot" Gibson
PLT: Charlie Bolden
MS: Steve Hawley
MS: George "Pinky" Nelson
MS: Franklin Chang-Diaz
PS: Bob Cenker
PS: Bill Nelson

Flight Time: 146 Hr., 4 Min.,
and 9 sec.

Objectives: Deploy SATCOM Ku-1 satellite. (achieved)
Run MSL-2.
Perform Infrared Imaging Ex.
Perform CHAMP.
13 Getaway Special Canisters.

Landing: Edwards Air Force Base

SPACE INFORMATION SERVICES

Space Information Services has a goal of providing computers users with information on every facet of space exploration. Our first endeavors deal with Shuttle Manifest, Manned Space History and Astronaut Information. As space exploration grows, so shall Space Information Services. We will market new disks and continually update all our disks to keep current with the exciting and ever changing exploration of space.

Space Information Services (SIS)
Post Office Box 27095
Indianapolis, Indiana 46227-0095

ASTRONAUT INFORMATION

The Astronaut Information program allows you to view short space career information on astronauts or astronaut and cosmonaut times in space and flights records.

EXAMPLE:

Lt. Colonel Virgil "Gus" Ivan Grissom

Group: 1 Year: 1959

Flight #1: MR-4 (Liberty Bell 7)
Flight #2: Gemini 3

Flight Time: 5:08:08

Status: Died January 27, 1967, in the Apollo 1 (204) fire at pad 34 at Cape Kennedy, Florida.

EXAMPLE:

	HR:MIN:SEC	F
Jerry Carr	2017:15:31	1
Ed Gibson	2017:15:31	1
Bill Pogue	2017:15:31	1
Owen Garriott	1674:56:24	2
Alan Bean	1671:45:29	2
Jack Lousma	1619:13:53	2
Pete Conrad	1179:38:36	4
John Young	835:41:55	6

EXAMPLE:

Yuri Gagarin	Vostok 1
Alan Shepard	MR-3, Apollo 14
Gus Grissom	MR-4, Gemini 3
Gherman Titov	Vostok 2
John Glenn	MA-6
Scott Carpenter	MA-7
Andriyan Nikolayev	Vostok 3, Soyuz 9

PRICE LIST

Shuttle Manifest	\$15
Manned Space History	\$15
Astronaut Information	\$15
Any TWO different programs	\$25
ALL three programs	\$35
Postage & Handling	\$3



WHITE LION SOFTWARE
 POST OFFICE BOX 357
 RIDGE, NEW YORK 11961

WE'RE PLEASED TO ANNOUNCE A NEW PRODUCT!
WHAT DOES IT DO? JUST LOOK AT THIS LETTER!



Qwik Pix (tm) adds Print Shop (tm) graphics to Atariwriter (tm) documents! Now you can print your letterhead, and letter, **AT THE SAME TIME**. Create address labels with your favorite graphic.
 With **Qwik Pix (tm)**, it's **EASY.....FAST.....A SNAP!**

Qwik Pix (tm) is more than letterheads and labels:

Express your feelings



in a letter.

Or announce holiday



celebrations!



Add a graphic to headers and footers. Use an icon in your newsletter headline or in the article. All your work is saved to disk for use again and again (try that with Print Shop letterheads!). You can even add a border under your letterhead or anywhere you like!

THIS PAGE WAS PRINTED IN ONE PASS WITH ATARIWRITER & QWIK PIX CONVERTED ICONS

SPECIAL JULY

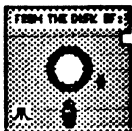


PRE-RELEASE PRICE

We expect to release **Qwik Pix (tm)** in mid-July. Once released, the mail-order price will be \$29.95. If you send your check or money order, postmarked on or before July 15th, you can purchase **Qwik Pix (tm)** for only \$24.95 (+ \$2.50 shipping).

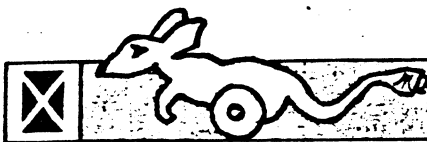
Qwik Pix (tm) works with any Epson 100% graphics-compatible printer. We don't have room to tell you more about the drop-down menus, border choices, mail-merge Option-Insert features, etc. If you know our work with Typesetter & Rubber Stamp Graphic Libraries, you know that we are again offering quality at low cost to you.

Don't delay! Send in your order today.



Ira Brickman

Atariwriter is a trademark of Atari Corp.
 Print Shop is a trademark of Broderbund Software



M.O.M.'s ROLLING RODENTS



Changing the Physical Display Base

There is a glitch in *The Hitchhiker's Guide to the BIOS*. To switch physical screen base, use the Setscreen call. *The Hitchhiker's Guide* states incorrectly that the actual physical base is updated during the next vertical sync. Instead, the physical base is changed immediately. That can cause an intermittent screen flash if the Setscreen call is made at any time other than during vertical sync. Therefore, just prior to the Setscreen call, you should call `xbios(37)`, which will wait for vertical sync.

Also note that the `Physbase()` call does not wait until vertical sync, as implied in the Guide.

Best of BIX - BYTE Mag. July 86

Broad-Band Bug

When loading DEGAS, or a DEGAS picture, in monochrome and you get a half-dozen widely spaced broad black bands, you may have a bad video chip.

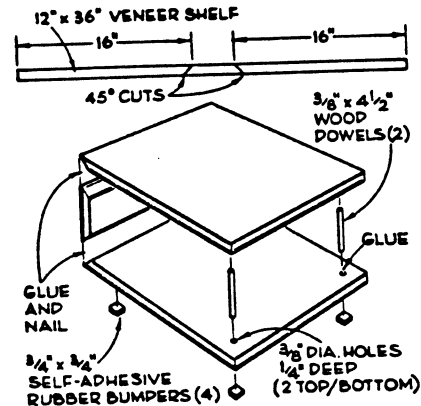
Best of BIX - BYTE Mag. July 86

Sleek, Cheap Printer Stand

To build the stand you'll need a three-foot-long prefinished veneered shelf (the kind that's available at most home-improvement centers), a 3/8-inch wood dowel nine inches long, and four self-adhesive rubber bumpers.

Begin construction by making two 45-degree cuts through the shelf 16 inches from each end. Use a table saw with a finishing blade for the best cuts. The three pieces will form the stand's top, bottom, and one side.

For the dowels, which will form the other side, drill four 3/8-inch holes 1/4-inch deep. Then glue up the stand,



I used frame-miter clamps to keep the joints in place, and secure the boards with small finishing nails. When the glue dries, add the rubber bumpers. For a finished look, stain the dowels to match the veneer.

Terry Foster - Popular Science 86

Printer Problems ?

I was having problems with my Panasonic KX-P 1090 printer when doing a screen dump from the 520's keyboard and with several of the drawing programs. The printer would only print the first top three lines of the screen and then it would print the characters that are located above the numbered keys. I tried all combinations of the dip switches without any success. Finally, in checking the printer cable I discovered that one of the pins was damaged. No doubt that this was the cause of my problem. So if you are stumped with a similar problem, check those cables. Use an OHM meter if possible.

Jim Krutzler - M.O.M.

Dialog Boxes

Working with ST BASIC is a lot of

fun. There is so much to learn and do and there are numerous routines that are available to you within the system. One of these routines that I enjoy using is the dialog box. This is created with AES routine 52, known as FORM_ALERT.

Here is a simple way to put one together. Choose an icon by its number; (1) exclamation point, (2) question mark, or (3) stop sign. Define your string, which can be upto 5 lines, and poke the string into the reserved variable area known as ADDRIN (ADDRESS IN). The lines of text are

separated by the keys shift and backslash (\). Call up the routine with GEMSYS (52).

Follow my three line example shown below and then expand upon it by adding your subroutines. Set the return key as a default as well as clicking on the button boxes with the mouse. Robert G. Geiger's article in the August 86 issue of COMPUTE! will give you more insight on this routine.

Jim Krutzler M.O.M.

Desk File Run Edit Debug

EDIT

```
50 A#=GB:GINTIN=PEEK(A#+8):ADDRIN=PEEK(A#+16)
60 N#=ADDRIN:POKE GINTIN,0: 'FORM_ALERT
70 MENU$="[2] [ARE YOUR M.O.M. DUES PAID UP?]] [YES|NO]"
80 POKE N#,VARPTR(MENU$):GEMSYS(52)
```

